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NEWS HOURS

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                     Welcome to STN International
NEWS
                 Web Page for STN Seminar Schedule - N. America
NEWS
         AUG 06
                 CAS REGISTRY enhanced with new experimental property tags
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                 FSTA enhanced with new thesaurus edition
NEWS
         AUG 13
                 CA/CAplus enhanced with additional kind codes for granted
                 patents
NEWS
         AUG 20
                 CA/CAplus enhanced with CAS indexing in pre-1907 records
NEWS
         AUG 27
                 Full-text patent databases enhanced with predefined
                 patent family display formats from INPADOCDB
NEWS
         AUG 27
                 USPATOLD now available on STN
                 CAS REGISTRY enhanced with additional experimental
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         AUG 28
                 spectral property data
NEWS
         SEP 07
                 STN AnaVist, Version 2.0, now available with Derwent
                 World Patents Index
         SEP 13
NEWS 10
                 FORIS renamed to SOFIS
NEWS 11
         SEP 13
                 INPADOCDB enhanced with monthly SDI frequency
NEWS 12
         SEP 17
                 CA/CAplus enhanced with printed CA page images from
                 1967-1998
NEWS 13
         SEP 17
                 CAplus coverage extended to include traditional medicine
                 patents
NEWS 14 SEP 24
                 EMBASE, EMBAL, and LEMBASE reloaded with enhancements
NEWS 15 OCT 02
                 CA/CAplus enhanced with pre-1907 records from Chemisches
                 Zentralblatt
NEWS 16 OCT 19
                 BEILSTEIN updated with new compounds
NEWS 17 NOV 15 Derwent Indian patent publication number format enhanced
NEWS 18 NOV 19 WPIX enhanced with XML display format
NEWS 19 NOV 30 ICSD reloaded with enhancements
NEWS 20 DEC 04 LINPADOCDB now available on STN
NEWS 21 DEC 14 BEILSTEIN pricing structure to change
NEWS 22 DEC 17 USPATOLD added to additional database clusters
NEWS 23
         DEC 17
                 IMSDRUGCONF removed from database clusters and STN
NEWS 24 DEC 17
                 DGENE now includes more than 10 million sequences
NEWS 25
         DEC 17
                 TOXCENTER enhanced with 2008 MeSH vocabulary in
                 MEDLINE segment
         DEC 17
NEWS 26
                 MEDLINE and LMEDLINE updated with 2008 MeSH vocabulary
NEWS 27
         DEC 17
                 CA/CAplus enhanced with new custom IPC display formats
NEWS 28
         DEC 17
                 STN Viewer enhanced with full-text patent content
                 from USPATOLD
NEWS 29
         JAN 02
                 STN pricing information for 2008 now available
NEWS 30
         JAN 16
                 CAS patent coverage enhanced to include exemplified
                 prophetic substances
NEWS EXPRESS
              19 SEPTEMBER 2007: CURRENT WINDOWS VERSION IS V8.2,
              CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
              AND CURRENT DISCOVER FILE IS DATED 19 SEPTEMBER 2007.
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NEWS IPC8 For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that specific topic.

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FILE 'HOME' ENTERED AT 12:46:29 ON 23 JAN 2008

=> file registry
COST IN U.S. DOLLARS

SINCE FILE TOTAL
ENTRY SESSION
0.21 0.21

FULL ESTIMATED COST

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STRUCTURE FILE UPDATES: 22 JAN 2008 HIGHEST RN 1000503-75-2 DICTIONARY FILE UPDATES: 22 JAN 2008 HIGHEST RN 1000503-75-2

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REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

http://www.cas.org/support/stngen/stndoc/properties.html

=> file caplus COST IN U.S. DOLLARS

SINCE FILE TOTAL ENTRY SESSION 5.61 5.82

FULL ESTIMATED COST

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FILE COVERS 1907 - 23 Jan 2008 VOL 148 ISS 4 FILE LAST UPDATED: 22 Jan 2008 (20080122/ED)

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http://www.cas.org/infopolicy.html

=> s l1 and (hypertension or blood pressure)
<----User Break---->

SEARCH ENDED BY USER

=> s 11

L2 438 L1

=> s 12 and (hypertension or blood pressure)

92325 HYPERTENSION 106 HYPERTENSIONS 92346 HYPERTENSION

(HYPERTENSION OR HYPERTENSIONS)

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SEARCH ENDED BY USER

=> s 12 and hypertension

92325 HYPERTENSION 106 HYPERTENSIONS 92346 HYPERTENSION

(HYPERTENSION OR HYPERTENSIONS)

L3 70 L2 AND HYPERTENSION

=> s 13 and portal

18470 PORTAL 380 PORTALS 18765 PORTAL

(PORTAL OR PORTALS)

L4 4 L3 AND PORTAL

=> d 14 ibib abs 1-4

L4 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2006:1123280 CAPLUS

DOCUMENT NUMBER: 145:449221

TITLE: Roflumilast and roflumilast N-oxide for the treatment

of pulmonary hypertension, and combinations

with phosphodiesterase 5 inhibitors

INVENTOR(S): Beume, Rolf; Hatzelmann, Armin; Marx, Degenhard;

Schudt, Christian; Tenor, Hermann; Eddahibi, Saadia;

Adnot, Serge

PATENT ASSIGNEE(S): Altana Pharma AG, Germany SOURCE: PCT Int. Appl., 40pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PF	ATENT	NO.			KIN:						_	-				ATE			
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		CN,	CO,	CR,	CU,	CZ,	DE,	DK,	DM,	DZ,	EC,	EE,	EG,	ES,	FΙ,	GB,	GD,		
		GE,	GH,	GM,	HR,	HU,	ID,	IL,	IN,	IS,	JP,	ΚE,	KG,	KM,	KN,	KP,	KR,		
		KΖ,	LC,	LK,	LR,	LS,	LT,	LU,	LV,	LY,	MA,	MD,	MG,	MK,	MN,	MW,	MX,		
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JA	AU 2006237300				A1		2006	1026		AU 2	2006-		20060412						
	A 2604															0060			
EF	1874	1309			A1		2008	0109		EP 2	2006-	7257	34		2	0060	412		
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AB The invention discloses the use of roflumilast, roflumilast-N-Oxide, or a pharmaceutically acceptable salt of either for the treatment of pulmonary hypertension. The invention addnl. discloses the use of roflumilast, roflumilast-N-oxide or a pharmaceutically acceptable salt of either in combination with a phosphodiesterase 5 inhibitor, or a pharmaceutically acceptable salt thereof, for the treatment of pulmonary hypertension.

REFERENCE COUNT: 16 THERE ARE 16 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2006:149404 CAPLUS

DOCUMENT NUMBER: 144:205821

TITLE: 2-Phenyl-substituted imidazotriazinone derivative phosphodiesterase 5 inhibitors for the treatment of

symptoms treatable by increasing cGMP levels

INVENTOR(S):
Haning, Helmut

PATENT ASSIGNEE(S): Bayer Healthcare A.-G., Germany

SOURCE: PCT Int. Appl., 37 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PAT	rent	NO.			KIN	D :	DATE			APPL	ICAT	DATE					
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WO 2006015715					A1 20060216			0216	•	WO 2	20050723						
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		LC,	LK,	LR,	LS,	LT,	LU,	LV,	MA,	MD,	MG,	MK,	MN,	MW,	MX,	MZ,	NA,
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               GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,
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                           A1
      DE 102004038328
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                                      20060216 AU 2005-270446 20050723
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20070425 EP 2005-764196
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                                      20070427 IN 2007-DN1126
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NO 2007001231
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                             A 20070418 KR 2007-705245
A 20070503 NO 2007-1231
A1 20071227 US 2007-659624
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                                                                                 20070306
                                                     US 2007-659624
      US 2007299088
                                                                                  20070905
PRIORITY APPLN. INFO.:
                                                     DE 2004-102004038328A 20040806
                                                     WO 2005-EP8057 W 20050723
                        MARPAT 144:205821
OTHER SOURCE(S):
      The invention relates to the use of PDE 5 inhibitors, and especially of known
      2-phenyl-substituted imidazotriazinone derivs., for producing medicaments
      for the treatment of symptoms that can be treated by increasing cGMP
      levels in certain tissues, e.g. acute myocardial infarction and damage
      caused by reperfusion, various symptoms in the female and male
      reproductive system and urogenital tract, gastrointestinal diseases,
      damage caused by diabetes, and liver failure.
                                     THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS
REFERENCE COUNT:
                              11
                                     RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT
     ANSWER 3 OF 4 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2004:1080763 CAPLUS
                              142:16820
DOCUMENT NUMBER:
TITLE:
                              Use of a phosphodiesterase V inhibitor for the
                              prophylaxis and/or treatment of portal
                              hypertension
INVENTOR(S):
                              Kreisel, Wolfgang
PATENT ASSIGNEE(S):
                              Universitatsklinikum Freiburg, Germany
SOURCE:
                              PCT Int. Appl., 32 pp.
                              CODEN: PIXXD2
DOCUMENT TYPE:
                              Patent
LANGUAGE:
                              German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:
      PATENT NO.
                      KIND DATE APPLICATION NO. DATE
                                      _____
                                                    _____
                             ____
      _____
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      WO 2004108062
      A2
      20041216

      WO 2004108062
      A3
      20050310

                                                    WO 2004-EP6014
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SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE,

DE 2003-10325813

20030606

20050105

SN, TD, TG

DE 10325813

A1

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    EP 1635838
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                          20061130 JP 2006-508268
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                          20070515 AT 2004-739573
    AT 361074
                                                         20040603
    ES 2287740
                     T3 20071216 ES 2004-4739573
                                                          20040603
    US 2007004744
                     A1 20070104
                                     US 2006-559694
                                                          20060501
PRIORITY APPLN. INFO.:
                                      DE 2003-10325813
                                                     A 20030606
                                      WO 2004-EP6014 W 20040603
```

AB The invention discloses a medicament for the prophylaxis and/or treatment of diseases or complications associated with portal hypertension, especially hemorrhagic complications. The invention uses a phosphodiesterase V inhibitor, e.g. sildenafil.

L4 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2003:590998 CAPLUS

DOCUMENT NUMBER: 139:128037

TITLE: Use of acetylcholine esterase antagonists to treat

insulin resistance

INVENTOR(S):

PATENT ASSIGNEE(S):

SOURCE:

Lautt, Wayne W.

Diamedica Inc., Can.
PCT Int. Appl., 35 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

	PA'	TENT	NO.			KIN	D	DATE		•		ICAT		DATE				
	WO	WO 2003061648					_	20030731						20030127				
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			GM,	HR,	HU,	ID,	IL,	IN,	IS,	JP,	ΚE,	KG,	KP,	KR,	KΖ,	LC,	LK,	LR,
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			KG,	KΖ,	MD,	RU,	ТJ,	TM,	ΑT,	BE,	BG,	CH,	CY,	CZ,	DE,	DK,	EE,	ES,
			FΙ,	FR,	GB,	GR,	HU,	IE,	ΙΤ,	LU,	MC,	NL,	PT,	SE,	SI,	SK,	TR,	BF,
			ВJ,	CF,	CG,	CI,	CM,	GΑ,	GN,	GQ,	GW,	ML,	MR,	ΝE,	SN,	TD,	ΤG	
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AB A method is provided for reducing insulin resistance in a mammalian subject, comprising administering a suitable acetylcholine esterase antagonist.

REFERENCE COUNT: 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

FULL ESTIMATED COST ENTRY SESSION 19.24 25.06

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE
ENTRY
SESSION

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=> s ("pde 5" or "pde-5" or phosphdiesterase type 5 or phosphodiesterase five or "phosphodiesterase-5 or vardenafil) and (hypertension or blood pressure) MISMATCHED QUOTE 'OR "PHOSPHODIE' Quotation marks (or apostrophes) must be used in pairs, one before and one after the expression you are setting

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 1 FILES SEARCHED...

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=> s 16 and py<=2004
2 FILES SEARCHED...</pre>

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L8 ANSWER 1 OF 10 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2004:1080763 CAPLUS

DOCUMENT NUMBER: 142:16820

TITLE: Use of a phosphodiesterase V inhibitor for the

prophylaxis and/or treatment of portal

hypertension

INVENTOR(S): Kreisel, Wolfgang

PATENT ASSIGNEE(S): Universitatsklinikum Freiburg, Germany

SOURCE: PCT Int. Appl., 32 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

WO 2004108062 A2 20041216 WO 2004-EP6014 20040 WO 2004108062 A3 20050310 W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL,	CH, GD, LC,
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CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL,	GD, LC,
GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL,	LC,
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL,	
NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL,	NI,
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RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW,	AM,
AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE,	DK,
EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO,	SE,
SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR,	NE,
SN, TD, TG	
DE 10325813 A1 20050105 DE 2003-10325813 20030	606
DE 10325813 B4 20071220	
EP 1635838 A2 20060322 EP 2004-739573 20040	603
EP 1635838 B1 20070502	
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC,	PT,
IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK	
CN 1871010 A 20061129 CN 2004-80022512 20040	603
JP 2006527177 T 20061130 JP 2006-508268 20040- AT 361074 T 20070515 AT 2004-739573 20040-	603
AT 361074 T 20070515 AT 2004-739573 20040	603
ES 2287740 T3 20071216 ES 2004-4739573 20040	
US 2007004744 A1 20070104 US 2006-559694 20060	
DRITY APPLN. INFO.: DE 2003-10325813 A 20030	
WO 2004-EP6014 W 20040	603

AB The invention discloses a medicament for the prophylaxis and/or treatment of diseases or complications associated with portal hypertension, especially hemorrhagic complications. The invention uses a phosphodiesterase V inhibitor, e.g. sildenafil.

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ACCESSION NUMBER: 2004526367 EMBASE

TITLE: Pulmonary arterial hypertension: Newer treatment

are improving outcomes.

AUTHOR: Sirithanakul K.; Mubarak K.K.

CORPORATE SOURCE: Dr. K.K. Mubarak, Wayne State University, 3990 John R, 3937

Hudson, Detroit, MI 48201, United States. mubarak@wayne.edu

SOURCE: Journal of Family Practice, (Dec 2004) Vol. 53, No. 12, pp.

959-969. Refs: 59

ISSN: 0094-3509 CODEN: JFAPDE

COUNTRY: United States

DOCUMENT TYPE: Journal; General Review; (Review)

FILE SEGMENT: 015 Chest Diseases, Thoracic Surgery and Tuberculosis

O30 Clinical and Experimental Pharmacology O36 Health Policy, Economics and Management

037 Drug Literature Index 038 Adverse Reactions Titles

LANGUAGE: English

ENTRY DATE: Entered STN: 30 Dec 2004

Last Updated on STN: 30 Dec 2004

L8 ANSWER 3 OF 10 EMBASE COPYRIGHT (c) 2008 Elsevier B.V. All rights

reserved on STN

ACCESSION NUMBER: 2005064723 EMBASE

TITLE: Gateways to clinical trials: December 2004.

AUTHOR: Bayes M.; Rabasseda X.; Prous J.R.

CORPORATE SOURCE: M. Bayes, Prous Science, P.O. Box 540, 08080 Barcelona,

Spain. mbayes@prous.com

SOURCE: Methods and Findings in Experimental and Clinical

Pharmacology, (Dec 2004) Vol. 26, No. 10, pp. 801-827.

Refs: 163

ISSN: 0379-0355 CODEN: MFEPDX

COUNTRY: Spain

DOCUMENT TYPE: Journal; General Review; (Review)

FILE SEGMENT: 017 Public Health, Social Medicine and Epidemiology

030 Clinical and Experimental Pharmacology

037 Drug Literature Index 038 Adverse Reactions Titles

006 Internal Medicine

LANGUAGE: English SUMMARY LANGUAGE: English

ENTRY DATE: Entered STN: 24 Feb 2005

Last Updated on STN: 24 Feb 2005

Gateways to Clinical Trials is a guide to the most recent clinical trials in current literature and congresses. The data in the following tables has been retrieved from the Clinical Studies Knowledge Area of Prous Science Integrity®, the drug discovery and development portal , http://integrity.prous.com. This issue focuses on the following selection of drugs: Abetimus sodium, ademetionine, agalsidase alfa, agalsidase beta, alemtuzumab, alfimeprase, AMG-162, androgel, anidulafungin, antigastrin therapeutic vaccine, aripiprazole, atomoxetine hydrochloride; Bazedoxifene acetate, bevacizumab, bosentan; Caldaret hydrate, canfosfamide hydrochloride, choriogonadotropin alfa, ciclesonide, combretastatin A-4 phosphate, CY-2301; Darbepoetin alfa, darifenacin hydrobromide, decitabine, degarelix acetate, duloxetine hydrochloride; ED-71, enclomiphene citrate, eplerenone, epratuzumab, escitalopram oxalate, eszopiclone, ezetimibe; Fingolimod hydrochloride, FP-1096; HMR-3339A, HSV-TK/GCV gene therapy, human insulin, HuOKT3gamma1(Ala234-Ala235); Idursulfase, imatinib mesylate, indiplon, InnoVax C insulin glargine, insulin glulisine, irofulven; Labetuzumab, lacosamide, lanthanum carbonate, LyphoDerm, Lyprinol; Magnesium sulfate, metelimumab, methylphenidate hydrochloride; Natalizumab, NO-aspirin; OROS(R); PC-515, pegaptanib sodium, peginterferon alfa-2a, peginterferon alfa-2b, peginterferon alfa-2b/ribavirin, pemetrexed disodium, peptide YY3-36, posaconazole, pregabalin, PT-141, pyridoxamine; R-744, ramelteon, ranelic acid distrontium salt, rebimastat, repinotan hydrochloride, rhC1, rhGAD65, rosiglitazone maleate/metformin hydrochloride; Sardomozide, solifenacin succinate; Tadalafil, taxus, telavancin, telithromycin, tenofovir disoproxilfumarate, teriparatide, testosterone transdermal patch, tetomilast, tirapazamine, torcetrapib; Valspodar, vardenafil hydrochloride hydrate, vildagliptin; Yttrium Y90 epratuzumab; Ziprasidone hydrochloride. .COPYRGT. 2004 Prous Science. All rights reserved.

L8 ANSWER 4 OF 10 EMBASE COPYRIGHT (c) 2008 Elsevier B.V. All rights reserved on STN

ACCESSION NUMBER: 2005024582 EMBASE

TITLE: Gateways to Clinical Trials.

AUTHOR: Bayes M.; Rabasseda X.; Prous J.R.

CORPORATE SOURCE: M. Bayes, Prous Science, S.A., P.O. Box 540, 08080

Barcelona, Spain. mbayes@prous.com

SOURCE: Methods and Findings in Experimental and Clinical

Pharmacology, (Nov 2004) Vol. 26, No. 9, pp. 723-753.

Refs: 195

ISSN: 0379-0355 CODEN: MFEPDX

COUNTRY: Spain

DOCUMENT TYPE: Journal; General Review; (Review)

FILE SEGMENT: 016 Cancer

037 Drug Literature Index
038 Adverse Reactions Titles

004 Microbiology: Bacteriology, Mycology, Parasitology

and Virology

006 Internal Medicine

LANGUAGE: English SUMMARY LANGUAGE: English

ENTRY DATE: Entered STN: 27 Jan 2005

Last Updated on STN: 6 Sep 2007

Gateways to Clinical Trials is a guide to the most recent clinical trials AB in current literature and congresses. The data in the following tables has been retrieved from the Clinical Trials Knowledge Area of Prous Science Integrity(R), the drug discovery and development portal, http://integrity.prous.com. This issue focuses on the following selection of drugs: (PE) HRG214, 1E10, 21-Aminoepothilone B; Ad.Egr.TNF.11D, Ad110-B7.1/HLA, adalimumab, adefovir dipivoxil, alefacept, alemtuzumab, AMD-070, anhydrovinblastine, aripiprazole, asimadoline, atrasentan, AVE-5883; Bimatoprost, BNP-7787, bosentan, botulinum toxin type B, BR-1; Canfosfamide hydrochloride, ciclesonide, curcumin, cypher; D0401, darbepoetin alfa, darifenacin hydrobromide, D-D4FC, dendritic cell-based vaccine, desloratadine, dextrin sulfate, dolastatin 10, drospirenone drospirenone/estradiol, DS-992, duloxetine hydrochloride, dutasteride; E-7010, efalizumab, eletriptan, EM-1421, enfuvirtide, entecavir, etoricoxib, everolimus, exenatide, ezetimibe; Favid, fidarestat, fingolimod hydrochloride, FK-352; Gefitinib, gemifloxacin mesilate, gepirone hydrochloride, gimatecan; HE-2000; Imatinib mesylate, indisulam, insulin detemir, irofulven, ISIS-5132; Lapatinib, levocetirizine, liraglutide, lumiracoxib; Metformin/Glyburide, methionine enkephalin, MK-0431, morphine hydrochloride, motexafin gadolinium, mycobacterium cell wall complex; Naturasone, neridronic acid, nesiritide; Oblimersen sodium, olanzapine/fluoxetine hydrochloride, omalizumab, oral insulin; Paclitaxel poliglumex, PC-515, PEG-filgrastim, peginterferon alfa-2a, peginterferon alfa-2b, peginterferon alfa-2b/ribavirin, pegvisomant, pexelizumab, picoplatin, pramlintide acetate, prasterone, pregabalin; Quercetin; Ramelteon, ranirestat, RG228, rhGAD65, roflumilast, rubitecan; Sitaxsentan sodium, solifenacin succinate; Tadalafil, taxus, tipifarnib, tolevamer sodium, topixantrone hydrochloride; Valganciclovir hydrochloride, vardenafil hydrochloride hydrate, vildagliptin, voriconazole; XTL-001; Zoledronic acid monohydrate. .COPYRGT. 2004 Prous Science. All rights reserved.

L8 ANSWER 5 OF 10 EMBASE COPYRIGHT (c) 2008 Elsevier B.V. All rights reserved on STN

ACCESSION NUMBER: 2004349672 EMBASE

TITLE: Gateways to Clinical Trials: July/August 2004.

AUTHOR: Bayes M.; Rabasseda X.; Prous J.R.

CORPORATE SOURCE: M. Bayes, Prous Science, S.A., P.O. Box 540, 08080

Barcelona, Spain. mbayes@prous.com

SOURCE: Methods and Findings in Experimental and Clinical

Pharmacology, (Jul 2004) Vol. 26, No. 6, pp. 473-503.

Refs: 194

ISSN: 0379-0355 CODEN: MFEPDX

COUNTRY: Spain

DOCUMENT TYPE: Journal; General Review; (Review)

FILE SEGMENT: 030 Clinical and Experimental Pharmacology

037 Drug Literature Index

LANGUAGE: English SUMMARY LANGUAGE: English

ENTRY DATE: Entered STN: 16 Sep 2004

Last Updated on STN: 16 Sep 2004

Gateways to Clinical Trials is a quide to the most recent clinical trials AΒ in current literature and congresses. The data in the following tables has been retrieved from the Clinical Trials Knowledge Area of Prous Science Integrity®, the drug discovery and development portal , http://integrity.prous.com. This issue focuses on the following selection of drugs: ABI-007, Ad.Egr.TNF.11D, adefovir dipivoxil, AdPEDF.11, AES-14, albumex, alefacept, alemtuzumab, aliskiren fumarate, alvimopan hydrate, aAminolevulinic acid hydrochloride, aminolevulinic acid methyl ester, anakinra, anti-IL-12 MAb, aprepitant, atazanavir sulfate, atrasentan, avanafil; Banoxantrone, BG-12, bimatoprost, bortezomib, bosentan; Calcipotriol/betamethasone dipropionate, caspofungin acetate, CBT-1, ciclesonide, clofarabine, conivaptan hydrochloride, CpG-7909, C-Vax, Cypher; DA-8159, DAC:GLP-1, darbepoetin alfa, darifenacin, duloxetine hydrochloride; Eculizumab, efalizumab, efaproxiral sodium, EGF vaccine, eletriptan, epratuzumab, erlotinib hydrochloride, escitalopram oxalate, ETC-642, etoricoxib, everolimus, exenatide; Gefitinib, IV gamma-globulin; Human insulin, gamma-hydroxybutyrate sodium; IDN-6556, iguratimod, imatinib mesylate, indiplon, ixabepilone; Laquinimod, LB-80380, lidocaine/prilocaineliraglutide, lopinavir, lopinavir/ritonavir, lucinactant; MAb-14.18, melatonin, MLN-591-DM1; NC-531, neridronic acid, nesiritide, neutrophil-inhibitory factor, niacin/lovastatin niacinllovastatin; Oblimersen sodium, olcegepant, oral Insulin, ORV-105; Palonosetron hydrochloride, PAmAb, pegaptanib sodium, peginterferon alfa-2a, pegvisomant, perifosine, pexelizumab, phenoxodiol, phenserine tartrate, pimecrolimus, pramlintide acetate, pregabalin, PRO-542, prostate cancer vaccine, PT-141; Ramelteon, rasagiline mesilate, rDNA insulin, reslizumab, rh-Lactoferrin, ribamidine hydrochloride, rosuvastatin calcium; S-81841, SC-1, sorafenib, St. John's Wort extract, SU-11248; Taxus, telbivudine, tenofovir disoproxil fumarate, teriparatide, testosterone gel, tezosentan disodium, tipifarnib, tolvaptan, trabectedin, travoprost, travoprost/timolol, treprostinil sodium; Vardenafil hydrochloride hydrate; Xcellerated T cells, XR-5944; Yttrium 90 (90Y) ibritumomab tiuxetan; Ziconotide. . COPYRGT. 2004 Prous Science. All rights reserved.

L8 ANSWER 6 OF 10 BIOSIS COPYRIGHT (c) 2008 The Thomson Corporation on STN

ACCESSION NUMBER: 2005:356876 BIOSIS DOCUMENT NUMBER: PREV200510148043

TITLE: Phosphodiesterase-5 (PDE-

5) is up-regulated in cirrhotic rat livers; Potential role for PDE-5 inhibitors in

reducing the increased intrahepatic vascular tone in

cirrhosis.

AUTHOR(S): Loureiro-Silva, Mauricio [Reprint Author]; Iwakiri, Yasuko;

Abraldes, Juan G.; Haq, Omar; Groszmann, Roberto J.

CORPORATE SOURCE:

SOURCE:

Yale Univ, Sch Med, VAMC, New Haven, CT USA Hepatology, (OCT 2004) Vol. 40, No. 4, Suppl. 1,

pp. 271A.

Meeting Info.: 55th Annual Meeting of the

American-Association-for-the-Study-of-Liver-Diseases (AASLD). Boston, MA, USA. October 29 -November 02, 2004.

Amer Assoc Study Liver Dis. CODEN: HPTLD9. ISSN: 0270-9139.

DOCUMENT TYPE: Conference; (Meeting)

Conference; Abstract; (Meeting Abstract)

LANGUAGE: English

ENTRY DATE: Entered STN: 14 Sep 2005

Last Updated on STN: 14 Sep 2005

L8 ANSWER 7 OF 10 EMBASE COPYRIGHT (c) 2008 Elsevier B.V. All rights

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ACCESSION NUMBER: 2004159928 EMBASE

TITLE: Gateways to Clinical Trials.

AUTHOR: Bayes M.; Rabasseda X.; Prous J.R.

CORPORATE SOURCE: M. Bayes, Prous Science, P.O. Box 540, 08080 Barcelona,

Spain. mbayes@prous.com

SOURCE: Methods and Findings in Experimental and Clinical

Pharmacology, (Mar 2004) Vol. 26, No. 2, pp. 129-161.

Refs: 229

ISSN: 0379-0355 CODEN: MFEPDX

COUNTRY: Spain

DOCUMENT TYPE: Journal; General Review; (Review)

FILE SEGMENT: 030 Clinical and Experimental Pharmacology

037 Drug Literature Index

LANGUAGE: English SUMMARY LANGUAGE: English

ENTRY DATE: Entered STN: 13 May 2004

Last Updated on STN: 13 May 2004

AΒ Gateways to Clinical Trials is a guide to the most recent clinical trials in current literature and congresses. The data in the following tables has been retrieved from the Clinical Studies Knowledge Area of Prous Science Integrity(R), the drug discovery and development portal, http://integrity.prous.com. This issue focuses on the following selection of drugs: Activated protein C concentrate, Ad-CD154, Adeno-Interferon gamma, alemtuzumab, APC-8024, 9-aminocamptothecin, aprepitant, L-arginine hydrochloride, aripiprazole, arsenic trioxide, asimadoline; O6-Benzylguanine, bevacizumab, Bi-20, binodenoson, biphasic insulin aspart, bivatuzumab, 186Re-bivatuzumab, BMS-181176, bosentan, botulinum toxin type B, BQ-123, bryostatin 1; Carboxyamidotriazole, caspofungin acetate, CB-1954, CC-4047, CDP-860, cerivastatin sodium, clevidipine, CTL-102; 3,4-DAP, darbepoetin alfa, decitabine, desloratadine, DHA-paclitaxel, duloxetine hydrochloride; Efalizumab, EGF vaccine, eletriptan, eniluracil, ENMD-0997, eplerenone, eplivanserin, erlosamide, ertapenem sodium, escitalopram oxalate, esomeprazole magnesium, eszopiclone, everolimus, exatecan mesilate, exenatide, ezetimibe; Fondaparinux sodium, FR-901228, FTY-720; Gefitinib, gemtuzumab ozogamicin, gepirone hydrochloride; Hexyl insulin M2, human insulin; Imatinib mesylate, insulin detemir, insulin glargine, iodine (I131) tositumomab, ISV-205, ivabradine hydrochloride, ixabepilone; Levetiracetam, levocetirizine, linezolid, liposomal NDDP, lonafarnib, lopinavir, LY-156735; Mafosfamide cyclohexylamine salt, magnesium sulfate, maxacalcitol, meclinertant, melagatran, melatonin, MENT, mepolizumab, micafungin sodium, midostaurin, motexafin gadolinium; Nesiritide, NS-1209, NSC-601316, NSC-683864; Osanetant; Palonosetron hydrochloride, parecoxib sodium, pegaptanib sodium, peginterferon alfa-2a, peginterferon alfa-2b, pegylated OB protein, pemetrexed disodium, perillyl alcohol, picoplatin, pimecrolimus, pixantrone maleate, plevitrexed, polyglutamate paclitaxel, posurdex, pramlintide acetate, prasterone, pregabalin; Rasburicase, rimonabant hydrochloride, rostaporfin, rosuvastatin calcium; SDZ-SID-791, sibrotuzumab, sorafenib, SU-11248; Tadalafil, targinine, tegaserod maleate, telithromycin, TheraCIM, tigecycline, tiotropium bromide, tipifarnib, tirapazamine, treprostinil sodium; Valdecoxib, Valganciclovir hydrochloride, Vardenafil hydrochloride hydrate; Ximelagatran; Zofenopril calcium, Zoledronic acid monohydrate. .COPYRGT. 2004 Prous Science. All rights reserved.

L8 ANSWER 8 OF 10 BIOSIS COPYRIGHT (c) 2008 The Thomson Corporation on STN ACCESSION NUMBER: 2004:286345 BIOSIS DOCUMENT NUMBER: PREV200400285102

TITLE: Role of phosphodiesterase-5 (PDE5) in

altered vascular reactivity in cirrhotic rats.

AUTHOR(S): Sabra, Ramzi [Reprint Author]; Tahseldar-Roumieh, Rima;

Ghali, Rana; Tumeh, Yara; El-Hajj, Ihab; Lugnier, Claire

CORPORATE SOURCE: Pharmacology, American University of Beirut, Bliss Strees,

Beirut, -, -, Lebanon rsabra@aub.edu.lb

SOURCE: FASEB Journal, (2004) Vol. 18, No. 4-5, pp. Abst.

643.9. http://www.fasebj.org/. e-file.

Meeting Info.: FASEB Meeting on Experimental Biology: Translating the Genome. Washington, District of Columbia,

USA. April 17-21, 2004. FASEB. ISSN: 0892-6638 (ISSN print).

DOCUMENT TYPE: Conference; (Meeting)

Conference; Abstract; (Meeting Abstract)

LANGUAGE: English

ENTRY DATE: Entered STN: 16 Jun 2004

Last Updated on STN: 16 Jun 2004

Previous studies showed increased PDE5 activity in kidneys of cirrhotic AΒ rats, which might explain the reduced response to natriuretic peptides and the Na retention observed in cirrhosis. We examined if changes in PDE5 can cause altered vascular reactivity in cirrhotic rats. Methods: Cirrhosis was induced by bile duct ligation and excision (BDL). Four weeks after BDL or sham operation (Sham), a concentration response curve fro nitroglycerine (NG) was obtained in endothelium denuded vascular rings from thoracic aortae precontracted with phenylephrine (PE). In some experiments, the rings were pre-incubated with 0.1muM DMPPO, a selective inhibitor of PDE5. In similar experiments, a concentration response curve was ontained for DMPPO. Expression of PDE5 was studied in aortas, kidneys and mesenteric vessels of BDL and Sham rats. Results: The NG curve was right-shifted in BDL rats; pre-incubation with DMPPO enhanced the vasodilator responses in all groups and eliminated the differences in sensitivity between Sham and BDL (see figure). Similarly, the DMPPO concnetration— response curve was right shifted in BDL rats. Expression of PDE5 protein was increased in the aorta and decreased in the mesenteric vasculature in BDL vs. Sham. Conclusions: In cirrhotic animals, the reduced sensitivity of the aortic rings to an NO donor may be explained by higher PDE5 activity in the aorta, leading to a less cGMP levels in response NO (NG). The attenuation of the vasodilator responses to DMPPO and the increased PDE5 expresion in the aorta of BDL rats supports this conclusion. These results may indicate an important role for changes in PDE5 activity in the hemodynamic changes that occur in cirrhosis and portal hypertension; the relation between PDE5 and vasodilation in the splanchnic bed is being explored. Supported by a grant from the Lebanese National Council for Scientific Research.. .

L8 ANSWER 9 OF 10 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2003:590998 CAPLUS

DOCUMENT NUMBER: 139:128037

TITLE: Use of acetylcholine esterase antagonists to treat

insulin resistance

INVENTOR(S): Lautt, Wayne W.

PATENT ASSIGNEE(S): Diamedica Inc., Can.

SOURCE: PCT Int. Appl., 35 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO. KIND DATE APPLICATION NO. DATE

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                        A1 20030731 WO 2003-CA78
     WO 2003061648
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             BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
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     CA 2514088
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                               20030731
                                         CA 2003-2514088
                                                                  20030127 <--
                               20041103 EP 2003-700275
     EP 1471905
                         A1
                                                                  20030127 <--
         R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
             IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK
                                          JP 2003-561592
     JP 2005519906
                         Т
                              20050707
                                                                  20030127
     US 2005049293
                                20050303
                                           US 2004-502066
                                                                   20041027
                         Α1
PRIORITY APPLN. INFO.:
                                           US 2002-350958P
                                                              P 20020125
                                                             W 20030127
                                            WO 2003-CA78
     A method is provided for reducing insulin resistance in a mammalian
     subject, comprising administering a suitable acetylcholine esterase
     antagonist.
REFERENCE COUNT:
                               THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS
                               RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT
L8
     ANSWER 10 OF 10 EMBASE COPYRIGHT (c) 2008 Elsevier B.V. All rights
     reserved on STN
ACCESSION NUMBER: 2003256920 EMBASE
                   Gateways to clinical trials: May 2003.
TITLE:
                   Bayes M.; Rabasseda X.; Prous J.R.
AUTHOR:
                   M. Bayes, Prous Science, S.A., P.O. Box 540, 08080
CORPORATE SOURCE:
                   Barcelona, Spain. mbayes@prous.com
                   Methods and Findings in Experimental and Clinical
SOURCE:
                   Pharmacology, (May 2003) Vol. 25, No. 4, pp. 317-340.
                   Refs: 143
                   ISSN: 0379-0355 CODEN: MFEPDX
COUNTRY:
                   Spain
                   Journal; Article
DOCUMENT TYPE:
FILE SEGMENT:
                   030
                           Clinical and Experimental Pharmacology
                   037
                            Drug Literature Index
LANGUAGE:
                   English
SUMMARY LANGUAGE: English
                   Entered STN: 17 Jul 2003
ENTRY DATE:
                    Last Updated on STN: 17 Jul 2003
     Gateways to Clinical Trials is a guide to the most recent clinical trials
AΒ
     in current literature and congresses. The data in the following tables
     has been retrieved from the Clinical Studies knowledge area of Prous
     Science Integrity®, the drug discovery and development portal
     , http://integrity.prous.com. This issue focuses on the following selection of drugs: 2F5, 2G12, Abetimus sodium, ABI-007, adalimumab,
     adefovir dipivoxil, AE-941, alefacept, altropane, aminolevulinic acid
     hydrochloride, aminolevulinic acid methyl ester, aminopterin, anakinra,
     aprinocarsen sodium, atazanavir, atlizumab, atomoxetine hydrochloride;
     B7-1 vaccine, bevacizumab, biricodar dicitrate, BMS-188667, brasofensine
     sulfate, bryostatin 1; Cantuzumab mertansine, CHS-828, cinacalcet
     hydrochloride, cipamfylline, creatine, CVT-3146; Darbepoetin alfa, DITPA,
     drotrecogin alfa (activated), duloxetine hydrochloride; Edatrexate,
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efalizumab, ENMD-0997, epoetin, erlosamide, esomeprazole magnesium, etiprednol dicloacetate, etoricoxib, everolimus, ezetimibe; Fampridine, fenretinide, FTY-720; IGF-I/IGFBP-3 IL-1 cytokine trap, ilodecakin,

interferon beta, ISIS-104838, ISIS-2503, ISIS-5132, ivabradine hydrochloride; Lafutidine, lanthanum carbonate, L-Arginine hydrochloride, LEA29Y, lerdelimumab, levetiracetam, levobupivacaine hydrochloride, levosimendan, lopinavir; Melagatran, mibefradil hydrochloride, miglustat, morphine-6-glucuronide; Nesiritide; Omalizumab, omapatrilat; p24-VLP, parecoxib sodium, peginterferon alfa-2a, peginterferon alfa-2b, pegsunercept, pitavastatin calcium, plevitrexed, prasterone, pregabalin, PRO-2000, prucalopride; Rapacuronium bromide, rebimastat, RGA-0853, rubitecan, ruboxistaurin mesilate hydrate, RWJ-67657; S-16020-2, sarizotan, SLV-306, stiripentol; TA-CIN, tenecteplase, teriparatide, tezacitabine, tipifarnib, trabectedin, troglitazone; Valdecoxib, vardenafil; Z-338, ziconotide. .COPYRGT. 2003 Prous Science. All rights reserved.